NAME OF WORK: "Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02)"

SECOND AND FINAL BILL

MEASURMENT SHEET

Measurement

BRUHAT BANGALORE MAHANAGARA PALIKE

NAME OF WORK: "Construction of Samudhaya Bhavana Building and Bus shelter & providing grill fencing and other development works at 407 SFS park, 707 SFS park, Sri madivala machideva park and Major Sandeep Unnikrishnan Park of Yelahanka Assembly Constituency Under Amrutha Nagarothana Grants (PACKAGE-02)"

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
3	Earth work in surface excavation by mechanical means for lowering & leveling the ground without blasting for all works other than foundation in Ordinary/Soft rock & depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work In Ordinary/Soft rock upto 300mm depth.										
	Vide Total executed Quantity from premeasurement Page no. 01										
								Executed Qty	405.81		
								Quantity in 1st RA BILL	506.46		
								TOTAL Executed Qty	912.27		
								Tender Qty	889.55		
								qty paid in 1st ra bill	506.46		
								Quantity upto 125%	912.27		
								Now to be Paid Quantity upto 125%	405.81	Cum	304.42	123538.00
4	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work.										
	Vide Total executed Quantity from premeasurement Page no. 01										
								Executed Qty	6.97		
								Quantity Paid in 1st RA BILL	953.64		
								TOTAL Executed Qty	960.61		
								Tender Qty	983.30		
								NOW TO BE PAID	6.97	Cum	213.68	1488.00
5	Earth work excavation for Foundation by mechanical means for all works & depth upto 3 m, as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenaces required to complete the work.Depth exceeding 1.5 m, but not exceeding 3 m.										
	Vide Total executed Quantity from premeasurement Page no. 02										
								Total Executed Qty	219.14		
								Tender Qty	194.82		
								Quantity upto 125%	219.14	Cum	366.86	80395.00
6	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations and other similar works etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.										
	Vide Total executed Quantity from premeasurement Page no. 02										
								Executed Qty	111.08		
								Tender Qty	173.54		
								NOW TO BE PAID	111.08	Cum	233.19	25902.00
7	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:3:6 (M10) Using 40 mm nominal size graded crushed coarse aggregates										
	Vide Total executed Quantity from premeasurement Page no. 03										
								Executed Qty	144.10		
								Quantity in 1st RA BILL	683.31		
								TOTAL Executed Qty	827.41		
								Tender Qty	472.18		
								qty paid in 1st ra bill	472.18		

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							Quantity upto 125%	590.23			
							Now to be paid qty upto 125%	118.05	Cum	5854.20	691063.00
							Quantity Above 125%	237.18	Cum	6359.89	1508428.00
8	Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately)Mix 1:2:4 (M15) Using 20 mm nominal size graded crushed coarse aggregates										
	Vide Total executed Quantity from premeasurement Page no. 4										
							Executed Qty	22.30			
							Tender Qty	2.54			
							Now to be paid qty upto 125%	3.18	Cum	6601.59	20981.00
							Quantity Above 125%	19.12	Cum	6733.19	128725.00
10	Providing Coursed rubble masonry (first sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)										
	Vide Total executed Quantity from premeasurement Page no. 4										
							Executed Qty	4.30			
							Quantity in 1st RA BILL	465.01			
							TOTAL Executed Qty	469.31			
							Tender Qty	489.73			
							Now to be paid	4.30	Cum	5854.20	25173.00
11	Providing Coursed rubble masonry (Second sort) with hard stone in foundation and plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)										
	Measurement Taken on										
	Near Cycle track for SSM										
		1	8.60			0.55	0.40	1.89			
							Executed Qty	1.89			
							Quantity in 1st RA BILL	149.21			
							TOTAL Executed Qty	151.10			
							Tender Qty	225.40			
							Now to be paid	1.89	Cum	5659.06	10707.00
12	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) Using 20 mm nominal size graded crushed coarse aggregates for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications.										10695.0
							Quantity in 1st RA BILL	177.87			
							Tender Qty	90.31			
							qty paid in 1st ra bill	90.31			
							Quantity upto 125%	112.89			
							Now to be paid qty upto 125%	22.58	Cum	6342.05	143186.00
							Quantity Above 125%	64.98	Cum	6559.13	426237.00
13	Providing and laying in position Reinforced cement concrete M20 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Vide Total executed Quantity from premeasurement Page no. 04										
							Executed Qty	5.53			
							Quantity in 1st RA BILL	47.77			
							TOTAL Executed Qty	53.30			
							Tender Qty	36.00			
							qty paid in 1st ra bill	36.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Telephone
BBMP, Bangalore - 92

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							Quantity upto 125%	44.99			
							Now to be paid qty upto 125%	9.00	Cum	6342.05	57071.00
							Quantity Above 125%	8.31	Cum	6833.96	56768.00
14	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications.										
	Vide Total executed Quantity from premeasurement Page no. 05						Executed Qty	0.43			
							Quantity in 1st RA BILL	3.12			
							TOTAL Executed Qty	3.55			
							Tender Qty	3.60			
							NOW TO BE PAID	0.43	Tonne	97570.00	41489.00
15	Providing Flush/ Ruled pointing: Pointing on stone work with cement mortar 1:3 (1 cement : 3 fine sand) after raking joints to depth nicely lining, including cost of materials, labour, curing as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	20/12/22									
	Near Cycle track for SSM										
		2	8.60				0.40	6.88			
							Executed Qty	6.88			
							Quantity in 1st RA BILL	1322.24			
							TOTAL Executed Qty	1329.12			
							Tender Qty	1109.76			
							qty paid in 1st ra bill	1109.76			
							Quantity upto 125%	1329.12			
							Now to be paid qty upto 125%	219.36	Sqm	224.41	49227.00
17	Removing & Restting of Kerb Stone (Approved Rate)										
	Measurement Taken on	19/12/22									
	Saradar Vallabhai Patel park										
	For Kerb	1	9.00					9.00			
		1	5.00					5.00			
		1	11.40					11.40			
		1	7.00					7.00			
							Executed Qty	32.40			
							Quantity in 1st RA BILL	447.10			
							TOTAL Executed Qty	479.50			
							Tender Qty	447.18			
							qty paid in 1st ra bill	447.10			
							Quantity upto 125%	479.50			
							Now to be paid qty upto 125%	32.40	M	135.62	4394.00
18	Providing and fixing pre cast solid cement concrete kerb sTonnes made out of M20 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting, including form work, curing, including cost of all materials, labour, hire charges of machinery, loading, unloading, lead and lift, transportation etc., complete										
	Measurement Taken on	19/12/22									
	Cycle track kerb	2	2.20					4.40			
		1	6.10					6.10			
		1	6.30					6.30			
		1	2.40					2.40			
		1	2.20					2.20			
		1	3.50					3.50			
		1	3.60					3.60			
		1	2.20					2.20			
		1	2.30					2.30			
		1	4.20					4.20			
		1	3.50					3.50			
	Saradar Vallabhai Patel park										
	For park	1	21.00					21.00			
		1	19.00					19.00			
		1	18.60					18.60			
		1	17.00					17.00			
								116.30	M		
							Executed Qty	258.00	No's		
							Quantity in 1st RA BILL	4140.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

Asst. Executive Engineer

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							TOTAL Executed Qty	4398.00			
							Tender Qty	3809.00			
							qty paid in 1st ra bill	3809.00			
							Quantity upto 125%	4398.00			
							Now to be paid qty upto 125%	589.00	No's	544.44	320675.00
19	Painting two coats after filling the surface with synthetic enamel paint in all shades on new plastered concrete surfaces										
	Measurement Taken on	13/12/22									
	Cycle track kerb	2	2.20				0.35	1.54			
		1	6.10				0.35	2.14			
		1	6.30				0.35	2.21			
		1	2.40				0.35	0.84			
		1	2.20				0.35	0.77			
		1	3.50				0.35	1.23			
		1	3.60				0.35	1.26			
		1	2.20				0.35	0.77			
		1	2.30				0.35	0.81			
		1	4.20				0.35	1.47			
		1	3.50				0.35	1.23			
	Saradar Vallabhai Patel park										
	For Kerb	2	30.00				0.35	21.00			
		2	24.00				0.35	16.80			
							Executed Qty	52.05			
							Quantity in 1st RA BILL	765.98			
							TOTAL Executed Qty	818.03			
							Tender Qty	756.28			
							qty paid in 1st ra bill	756.28			
							Quantity upto 125%	818.03			
							Now to be paid qty upto 125%	61.75	Sqm	97.57	6024.00
20	Construction of Median and Island with Soil Taken from Borrow Areas Construction of median and Island above road level with approved material brought from borrow pits, spread, sloped and compacted as per clause 408.										
							Quantity in 1st RA BILL	19.78			
							Tender Qty	14.10			
							qty paid in 1st ra bill	14.10			
							Quantity upto 125%	17.63			
							Now to be paid qty upto 125%	3.53	Cum	516.96	1822.00
							Quantity Above 125%	2.16	Cum	516.44	1113.00
21	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density.										
	Vide Total executed Quantity from premeasurement Page no. 03										
							Executed Qty	52.89			
							Quantity in 1st RA BILL	46.03			
							TOTAL Executed Qty	98.92			
							Tender Qty	28.43			
							qty paid in 1st ra bill	28.43			
							Quantity upto 125%	35.54			
							Now to be paid qty upto 125%	7.11	Cum	2743.67	19499.00
							Quantity Above 125%	63.38	Cum	2741.37	173754.00
22	Providing and laying Cement concrete pavement with 1:2:4 for commercial & residential building floors, hardpaths, footpaths using 1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size, including finishing complete as per Engineer incharge.										
							Quantity in 1st RA BILL	52.07			
							Tender Qty	41.07			
							qty paid in 1st ra bill	41.07			
							Quantity upto 125%	51.34			
							Now to be paid qty upto 125%	10.27		6959.67	71458.00
							Quantity Above 125%	0.73	Cum	7099.62	5200.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
23	Providing and laying 52 mm thick cement concrete flooring with concrete hardener topping, under layer 40 mm thick cement concrete 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20 mm nominal size) and top layer 12 mm thick cement hardener consisting of mix 1:2 (1 cement hardener mix : 2 graded stone aggregate 6 mm nominal size) by volume, hardening compound mixed @ 2 litre per 50 kg of cement or as per direction of Engineer incharge.										
							Quantity in 1st RA BILL	201.01			
							Tender Qty	123.60			
							qty paid in 1st ra bill	123.60			
							Quantity upto 125%	154.50			
							Now to be paid qty upto 125%	30.90	Cum	829.34	25627.00
							Quantity Above 125%	46.51	Cum	807.30	37547.00
24	Providing, laying & fixing cement base, precast, pre polished cement concrete, designer tiles 25mm thick conforming to IS 1237 heavy duty tiles for flooring, treads of steps and landing, laid on a bed of 12mm thick cement mortar 1:3 mis finished with flush pointing using white cement, including cost of materials, mortar, including cutting, griding the edge to half/full round wherever required, labour, curing complete as per specification.										
							Quantity in 1st RA BILL	170.05			
							Tender Qty	154.80			
							qty paid in 1st ra bill	154.80			
							Quantity upto 125%	170.05			
							Now to be paid qty upto 125%	15.25	Sqm	1271.34	19388.00
26	Fabrication, providing and erecting in position Hot dip galvanised Gate using 72 x72 x 4mm Sq. GI Pipe frame with top pipe bending in heavy hydraulic press with sand packing and hot bending to form double arch as per drawing profile, 20mm hot dip galvanised Sq. rod for verticals at 150mm c/c, as shown in the drawing including providing ho dip galvanised forged ornamental design in between sq. rods and heads at top, middle and bottom. Intermediate supports of 72x12mm and 50x6mm arch bent to hot dip galvanised flats the work is inclusive of troughing GI flat GI sq. rods, placing, welding all the joints including grinding, finishing metal patty, painting two coats enamel painting. The rate is inclusive of all materials like GI sq rods, GI gorged designs etc., heavy duty hinges are made out of 75mm solid sq block assembled with 20mm dia bearing in three places for each flop. Heavy duty locking arrangements at two places including cost of labour, unloading, scaffolding charges and all other incidental charges for successful completion of the work as per directions of the engineer-in-charge of the work.										
	Measurement Taken on										
							Quantity in 1st RA BILL	63.85			
							Total executed Qty	63.85			
							Tender Qty	28.80			
							qty paid in 1st ra bill	28.80			
							Quantity upto 125%	36.00			
							Now to be paid qty upto 125%	7.20	Sqm	22246.94	160178.00
							Quantity Above 125%	27.85	Sqm	22246.94	619577.00
27	Removing & Resetting of Cobble Stone (Approved Rate)										
	Measurement Taken on	13/12/22									
	Saradar Vallabhai Patel park	1	6.80	3.00	3.00	3.00		20.40			
		1	9.70	3.00	3.00	3.00		29.10			
		1	4.50	3.00	3.00	3.00		13.50			
							Executed Qty	63.00			
							Quantity in 1st RA BILL	736.55			
							TOTAL Executed Qty	799.55			
							Tender Qty	736.68			
							qty paid in 1st ra bill	736.55			
							Quantity upto 125%	799.55			
							Now to be paid qty upto 125%	63.00	Sqm	435.57	27441.00
28	Providing and laying heavy duty cobble stones 60mm thick interlock pavers, using cement and course sand for manufacture of blocks of approved size, shape and colour with a minimum compressive strength of 30Mpa as per IRC SP 63:2018 & IS 15658 over 50mm thick sand bed (average thickness) and compacting with plate vibrator having 3 tons compaction force thereby forcing part of sand underneath to come up in between joints, final compaction of paver surface joints into its final level , including cost of materials, labour and Usage charges of machinery complete as per specifications										
	Measurement Taken on	13/12/22									

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Division
Yelahanka Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	watchman shed side	1	7.20	5.40	5.70	5.55		39.96			
		1	6.20	1.50	1.50	1.50		9.30			
		1	7.70	0.65	1.20	0.93		7.12			
		1	7.70	1.10	1.25	1.18		9.05			
	cycle track	1	16.35	7.50	7.50	7.50		122.63			
		1	8.40	2.80	2.80	2.80		23.52			
		0.5	16.35	8.40	8.40	8.40		68.67			
	Deduction	-2	1.10	1.10	1.10	1.10		-2.42			
	Saradar Vallabhai Patel park	1	8.20	3.00	3.00	3.00		24.60			
		1	5.30	3.00	3.00	3.00		15.90			
		1	6.30	3.00	3.00	3.00		18.90			
		1	14.90	3.00	3.00	3.00		44.70			
		1	9.40	3.00	3.00	3.00		28.20			
							Executed Qty	410.13			
							Quantity in 1st RA BILL	1442.09			
							TOTAL Executed Qty	1852.21			
							Tender Qty	942.68			
							qty paid in 1st ra bill	942.68			
							Quantity upto 125%	1178.34			
							Now to be paid qty upto 125%	235.67	Sqm	1245.97	293636.00
							Quantity Above 125%	673.87	Sqm	1244.72	838777.00
31	Providing & fixing precast Bollards of size 150mm dia 0.90m height made of M25 Reinforced Cement concrete it includes TMT steel, PCC 1:3:6 for fixing and cost of enamel paint and including cost of all materials, labour, curing, transportation, loading, unloading etc, complete as per the directions of the Engineer In Charge (Approved Rate)										
	Measurement Taken on	04/01/23									
	Unnikrishnan Park										
	cycle track	35						35.00			
							Executed Qty	35.00			
							Quantity in 1st RA BILL	163.00			
							TOTAL Executed Qty	198.00			
							Tender Qty	500.00			
							NOW TO BE PAID	35.00	No's	1812.85	63450.00
33	Loading and Unloading of Stone Boulder/Stone aggregates/Sand/Kankar/Moorum. (Tipper 5.5 m3) (KPWD SR 2021-22, Volume-III, Item No.1.1 A, Page No.3) (Rs.118.00 per Cum) Cost of Haulage Excluding Loading and Unloading Case-1 : Surfaced Road Taking output 10 t load and lead 10 km = 100 t.km										
	Vide Total executed Quantity from premeasurement Page no. 05										
							Executed Qty	631.92			
							Quantity in 1st RA BILL	1665.45			
							TOTAL Executed Qty	2297.37			
							Tender Qty	2088.44			
							qty paid in 1st ra bill	1665.45			
							Quantity upto 125%	2297.37			
							Now to be paid qty upto 125%	631.92	Cum	149.28	94334.00
36	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	11/01/23									
	Watch man Shed Sump Slab	1	3.80			3.80	0.15	2.17			
	deduction for cover	-1	0.60			0.60	0.15	-0.05			
							Executed Qty	2.11			
							Quantity in 1st RA BILL	6.91			
							TOTAL Executed Qty	9.02			
							Tender Qty	22.09			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							NOW TO BE PAID	2.11	Cum	6929.42	14635.00
38	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	19/12/22 to 15/2/22, 24/2/22									
	For Plinth Beam(Ground Floor)										
	PB1	3	8.90			0.23	0.45	2.76			
		2	12.00			0.23	0.45	2.48			
		2	2.90			0.23	0.45	0.60			
	For lintel (ground Floor)										
	For Short walls	1	8.90			0.15	0.15	0.20			
		2	8.90			0.20	0.15	0.53			
	For Long walls	2	12.00			0.20	0.15	0.72			
		1	3.00			0.15	0.15	0.07			
	For Beams (ground Floor)										
	B1	1	14.85			0.20	0.45	1.34			
	B2	2	8.90			0.20	0.60	2.14			
		2	3.10			0.20	0.45	0.56			
		1	2.85			0.20	0.45	0.26			
	B3	1	12.00			0.20	0.45	1.08			
	B4	1	8.90			0.20	0.45	0.80			
	B5	1	8.90			0.20	0.45	0.80			
	B6	1	8.90			0.20	0.45	0.80			
	B7	1	4.30			0.20	0.45	0.39			
	Stair Case Beam	1	2.85			0.20	0.45	0.26			
	For Slab (ground Floor)	1	14.85			9.30	0.15	20.72			
	Deduction										
	For Column										
	C1	-10	0.45			0.20	0.15	-0.14			
	C2	-4	0.20			0.30	0.15	-0.04			
	Stair Case Portion	-1	4.65			2.85	0.15	-1.99			
							TOTAL Executed Qty	34.34			
							Quantity in 1st RA BILL	10.60			
							TOTAL Executed Qty	44.94			
							Tender Qty	75.51			
							NOW TO BE PAID	34.34	Cum	8746.17	300342.00
39	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	27/12/22									
	For Column(Ground Floor)										
	C1 (From plinth to Slab)	10	0.45			0.20	3.10	2.79			
	C2 (From plinth to Slab)	4	0.45			0.30	3.10	1.67			
	C3 (From plinth to Slab)	3	0.23			0.23	3.50	0.53			
							TOTAL Executed Qty	5.00			
							Tender Qty	4.61			
							Quantity upto 125%	5.00	Cum	8016.35	40046.00

A.E.E. (Project)

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Engineer
Project Division
Zone
BBMP, Bangalore - 92

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
40	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	15/2/23									
	For Stair Case										
	for steps	22	1.43			0.02		0.71			
						Triangle area 0.5*0.3*0.15=0.022					
	Landing	1	2.85			1.20	0.15	0.51			
	Waist Slab	2	4.20			1.43	0.18	2.15			
	For Chajja										
	W	2	1.50			0.25	0.15	0.11			
		1	1.20			0.60	0.15	0.11			
		2	1.50			0.60	0.15	0.27			
		1	1.20			0.25	0.15	0.05			
							Executed Qty	3.91			
							Tender Qty	5.44			
							NOW TO BE PAID	3.91	Cum	10664.40	41682.00
41	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	26/2/23 to 08/04/23									
	For lintel (First Floor)										
	For Short walls	2	8.90			0.20	0.15	0.53			
	For Long walls	2	12.00			0.20	0.15	0.72			
	For Beams (First Floor)										
	B1	1	14.85			0.20	0.45	1.34			
	B2	2	8.90			0.20	0.60	2.14			
		2	3.10			0.20	0.45	0.56			
		1	2.85			0.20	0.45	0.26			
	B3	1	12.00			0.20	0.45	1.08			
	B4	1	8.90			0.20	0.45	0.80			
	B5	1	8.90			0.20	0.45	0.80			
	B6	1	8.90			0.20	0.45	0.80			
	B7	1	4.30			0.20	0.45	0.39			
	Stair Case Beam(SB)	1	2.85			0.20	0.45	0.26			
	For Slab (First Floor)	1	14.85			9.30	0.15	20.72			
	Deduction										
	For Column										
	C1	-10	0.45			0.20	0.15	-0.14			
	C2	-2	0.20			0.30	0.15	-0.02			
	Stair Case Portion	-1	4.65			2.85	0.15	-1.99			
							Executed Qty	28.24			
							Tender Qty	34.17			
							NOW TO BE PAID	28.24	Cum	8833.99	249493.00

249493.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
42	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	12/04/23									
	For Column (First Floor)										
	C1 (From Ground Slab to First Slab)	10	0.45			0.20	3.10	2.79			
	C2 (From Ground Slab to First Slab)	4	0.45			0.30	3.10	1.67			
	C3 (From Ground Slab to First Slab)	3	0.23			0.23	3.50	0.53			
	Above First Floor (For Parapet)										
	C1	10	0.45			0.20	1.20	1.08			
	C2	4	0.45			0.30	1.20	0.65			
	C3	2	0.23			0.23	1.20	0.12			
							Executed Qty	6.85			
							Tender Qty	4.61			
							Quantity upto 125%	5.76	Cum	7711.93	44421.00
							Quantity Above 125%	1.09	Cum	7154.42	7763.00
43	Providing and laying in position Reinforced cement concrete M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates for all Super structures of building , Road works, Water works, Irrigation works & super structure works of bridges upto 3.50 m height. The granite/ trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers laid in layers, well compacted using needle vibrators. The cost includes all lead & lifts, cost of all materials, quality confirming to the requirements of relevant IS codes , labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Measurement Taken on	23/02/23									
	For Stair Case										
	for steps	22	1.43			0.02		0.71			
						Triangle area 0.5*0.3*0.15=0.0225					
	Landing	1	2.85			1.20	0.15	0.51			
	Waist Slab	2	4.20			1.43	0.18	2.15			
	For Chajja										
	W	3	1.50			0.25	0.15	0.17			
		1	1.20			0.25	0.15	0.05			
		2	1.50			0.60	0.15	0.27			
							Executed Qty	3.86			
							Tender Qty	5.28			
							NOW TO BE PAID	3.86	Cum	10162.89	39195.00
44	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications.										
	Vide Total executed Quantity from premeasurement Page no. 05										
							Executed Qty	13429.47			
							Quantity in 1st RA BILL	2552.89			
							TOTAL Executed Qty	15982.36			
							Tender Qty	26978.29			
							NOW TO BE PAID	13429.47	Kgs	107.33	1441385.00
45	Providing Thermo-Mechanically Treated bars of grade Fe-500D or more Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position, binding and anchoring to adjacent members whereever necessary complete as per Design including cost of material, labour, usage charges complete as per specifications.										

A.E.E. (Project)

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Asst. Executive Engineer
Yelahanka Zone
BBMP, Bangalore - 92

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Vide Total executed Quantity from premeasurement Page no. 05										
							Executed Qty	8252.29			
							Tender Qty	4605.60			
							Quantity upto 125%	5757.00	Kgs	119.04	685313.00
							Quantity Above 125%	2495.29	Kgs	106.40	265506.00
47	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.										
	Measurement Taken on	27/12/22									
	Grond Floor										
	For Short walls	2	8.90				3.10	55.18			
	For Long walls	2	12.00				3.10	74.40			
	Deduction										
	For Column										
	C1	-10	0.45				3.10	-13.95			
	C2	-2	0.30				3.10	-1.86			
	W	-4	1.50				1.20	-7.20			
	W1	-2	1.20				1.20	-2.88			
		-1	0.90				1.20	-1.08			
	Main Door	-1	1.50				2.10	-3.15			
							Total Executed Qty	99.46			
							Tender Qty	309.65			
							Now to be paid	99.46	Sqm	1341.59	133435.00
48	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x200x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.										
	Measurement Taken on	03/03/23									
	First Floor										
	For Short walls	2	8.90				3.10	55.18			
	For Long walls	2	12.00				3.10	74.40			
	W	-5	1.50				1.20	-9.00			
	W1	-1	1.20				1.20	-1.44			
		-1	0.90				1.20	-1.08			
	Main Door	-1	1.50				2.10	-3.15			
							Total Executed Qty	114.91			
							Quantity in 1st RA BILL	38.86			
							TOTAL Executed Qty	153.77			
							Tender Qty	178.66			
							Now to be paid	114.91	Sqm	1362.08	156517.00
49	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.										
	Measurement Taken on	27/12/22									
	SUMP WATCHMAN SHED										
		2	3.30				2.00	13.20			
		2	3.80				2.00	15.20			
	Transformer side										
		2	4.40				1.20	10.56			
	For Building										
	Grond Floor										
	For Short walls	1	2.95				3.10	9.15			
		1	1.50				3.10	4.65			
	For Long walls	1	3.20				3.65	11.68			

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engine
Project Division
Yelahanka Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Near Stair Case below landing	1	2.65				1.80	4.77			
	Below Stair Case	1	4.42				1.05	4.64			
	For Compound	1	2.65				1.50	3.98			
		1	1.00				1.50	1.50			
							Total Executed Qty	79.32			
							Tender Qty	77.70			
							Quantity upto 125%	79.32	Sqm	1192.31	94575.00
50	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x150x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.										
	Measurement Taken on	13/04/23									
	Foe First Floor Parapet Wall										
	For Long walls	1	8.90				1.20	10.68			
		1	12.00				1.20	14.40			
		1	9.50				1.20	11.40			
		1	3.00				1.20	3.60			
	Second Floor										
	For Toliet	2	3.40				2.50	17.00			
		1	2.90				2.50	7.25			
	For Tank	1	3.40				1.20	4.08			
		1	2.60				1.20	3.12			
	Front Portion	2	2.65				0.20	1.06			
		2	4.25				0.20	1.70			
		2	2.65				0.20	1.06			
	Deduction										
	For Column										
	C1	-10	0.45				1.20	-5.40			
	C2	-2	0.30				1.20	-0.72			
	D2	-2	0.75				2.10	-3.15			
	V	-2	0.75				0.60	-0.90			
							Total Executed Qty	65.18			
							Tender Qty	67.20			
							Now to be paid	65.18	Sqm	1201.09	78287.00
51	Providing and constructing load bearing wall with Solid Concrete blocks of size 400x100x200mm having block density more than 1800kg/m3 and minimum compressive strength of 4.00 N/mm2 conforming to IS 2185 (Part - I) - 2005 and constructed with CM 1:4 as per IS 2572:2005 including cost of all materials, labour, scaffolding and curing, usage charges of machinery etc complete as per specifications.										
	Measurement Taken on	18/04/23									
	For Toliet	1	3.40				2.50	8.50			
	Ground Floor	1	1.95				1.80	3.51			
	Above Stair case	1	2.40				0.75	1.80			
							Total Executed Qty	13.81			
							Tender Qty	13.05			
							Quantity upto 125%	13.81	Sqm	1054.73	14566.00
52	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Vide Total executed Quantity from premeasurement Page no.										
							Total Executed Qty	2.44			
							Tender Qty	2.16			
							Quantity upto 125%	2.44	Cum	6726.48	16421.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

A.E.E. (Project)

Asst. Executive Engineer
Yelahanka Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
53	Providing and laying in position Reinforced cement concrete M25 Using 20 mm nominal size graded crushed coarse aggregates for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications.										
	Vide Total executed Quantity from premeasurement Page no.						Executed Qty	35.64			
							Tender Qty	29.81			
							Quantity upto 125%	35.64	Cum	7215.30	257153.00
54	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork to be paid separately) M25 Design Mix Using 20 mm nominal size graded crushed coarse aggregates										
	Measurement Taken on	06/12/22									
	For Sump										
	Wall	2	3.00			0.20	1.80	2.16			
		2	2.60			0.20	1.80	1.87			
	Bottom Raft	1	3.00			3.00	0.15	1.35			
	Top Slab	1	2.60			3.00	0.15	1.17			
							Total Executed Qty	6.55			
							Tender Qty	7.18			
							Now to be paid	6.55	Cum	7030.89	~~46066.00~~
57	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..										
	Measurement Taken on	24/03/23									
	Cycle Track wall										
		1	15.00				2.05	30.75			
		1	12.70				1.93	24.45			
		1	14.20				2.05	29.11			
		1	11.55				2.16	24.95			
		1	19.70				2.18	42.85			
		1	15.00				2.30	34.50			
		1	11.90				2.15	25.59			
	SUMP WATCHMAN SHED										
		2	3.30				2.00	13.20			
		2	3.80				2.00	15.20			
	Transformer side										
		4	4.40				1.20	21.12			
	Watch man shed										
		2	7.60				2.10	31.92			
		2	3.60				2.10	15.12			
	Out side Portion	2	7.60				0.30	4.56			
		2	3.60				0.30	2.16			
	Deduction										
	W	-2	1.20				1.20	-2.88			
	D	-1	0.90				2.10	-1.89			
								310.70			

A.E.E. (Project)

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engg
Project Division
Yelahanka Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	D1	-1	0.75				2.10	-1.58			
	For inside Plastering										
	Ground Floor										
	For Dining Area	2	8.90				3.05	54.29			
		2	8.50				3.05	51.85			
	Kitchen	1	15.80				3.05	48.19			
	Entrance hall	1	13.60				3.05	41.48			
	For Ceiling										
	Entrance	1	2.65			4.30		11.40			
	For Dining Area	1	8.90			8.50		75.65			
	Kitchen	1	4.90			2.95		14.46			
	Entrance hall	1	3.80			3.00		11.40			
	For Beams (ground Floor)										
	B1	1	14.85				0.45	6.68			
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom ground Floor										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
		2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	For sump	2	3.00				1.80	10.80			
		2	2.60				1.80	9.36			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	W1	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				2.10	-3.15			
		-1	2.00				2.10	-4.20			
		-1	1.65				2.10	-3.47			
							Total Executed Qty	693.76			
							Tender Qty	1647.08			
							Now to be paid	693.76	Sqm	234.17	162458.00
58	Providing 12 mm cement plaster with cement mortar 1:4 (1 cement: 4 fine sand) to brick masonry including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge..							380.81			136020
	Measurement Taken on	02/05/23									
	First Floor										
	For inside Plastering										
	Hall	2	8.90				3.05	54.29			
		2	11.65				3.05	71.07			
	Ceiling										
	Hall	1	11.65			8.90		103.69			
	Entrance	1	2.65			4.30		11.40			
	For Beams(First Floor)										
	B1		14.85				0.45	6.68			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Kalaburagi Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom (First Floor)										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
	B5	1	9.10				0.20	1.82			
	B2.B1	2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	For Toliet										
		2	1.40				2.50	7.00			
		2	3.00				2.50	15.00			
		2	1.40				2.50	7.00			
		2	3.00				2.50	15.00			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	1.20				1.20	-1.44			
		-1	0.90				1.20	-1.08			
	Main Entrance	-1	1.50				2.10	-3.15			
	Columns	-2	0.30				0.45	-0.27			
	D2	-2	0.75				2.10	-3.15			
	V	-2	0.80				0.60	-0.96			
							Total Executed Qty	344.95			
							Tender Qty	394.06			
							Now to be paid	344.95	Sqm	234.17	80776.00
59	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	24/05/23 to 28/06/23									
	Ground Floor										
	East side	1	12.00				4.00	48.00			
	west side	1	12.00				4.00	48.00			
	South side	1	10.30				4.00	41.20			
	North Side	1	9.30				4.00	37.20			
	For Columns	3	0.90				3.65	9.86			
	Near Staircase Area	2	2.85				2.10	11.97			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Below Stair Case	2	4.42				1.05	9.28			
	For Compound	2	2.85				1.60	9.12			
	Above Stair Case	2	2.50				0.75	3.75			
	For Toliet Wall	2	1.95				1.80	7.02			
		2	1.00				1.50	3.00			
	For chajja										
	Top and Bottom W	4	1.50		0.25			1.50			
	side	2	2.00				0.10	0.40			
	Top and Bottom W1	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			

A.E.E. (Project)

364.00

19.05

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Top and Bottom W1	2	1.20		0.25			0.60			
	side	1	1.70				0.10	0.17			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	W1	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				2.10	-3.15			
	V	-1	0.30				0.45	-0.14			
							Total Executed Qty	226.94			
							Tender Qty	156.70			
							Quantity upto 125%	195.88	Sqm	277.10	54277.00
							Quantity above 125%	31.07	Sqm	283.98	8823.00
60	Providing 15 mm cement plaster on the rough side of single or half brick wall of mix 1:4 (1 cement: 4 fine sand) including rounding off corners wherever required smooth rendering, providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	24/05/23 to 26/06/23									
	First Floor										
	External Plastering										
	East side	1	12.00				3.65	43.80			
	west side	1	12.00				3.65	43.80			
	South side	1	10.30				3.65	37.60			
	North Side	1	9.30				3.65	33.95			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Stair Case Beam	1	2.85				0.45	1.28			
	For chajja										
	Top and Bottom W	6	1.50		0.25			2.25			
	side	3	2.00				0.10	0.60			
	Top and Bottom W1	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			
	Parapet Wall										
		1	8.90				2.60	23.14			
		1	12.00				2.60	31.20			
		1	6.30				2.60	16.38			
		1	3.00				2.60	7.80			
	For Tank Portion	2	2.70				2.50	13.50			
		2	3.00				2.50	15.00			
	Second Floor										
	For Toliet										
		2	3.00				2.50	15.00			
		1	3.30				3.65	12.05			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	0.90				1.20	-1.08			
		-1	1.20				1.20	-1.44			
	Main Entrance	-1	1.50				2.10	-3.15			
	D2	-2	0.75				2.10	-3.15			
	V	-2	0.60				0.60	-0.72			
							Total Executed Qty	289.12			
							Tender Qty	262.65			
							Quantity upto 125%	289.12	Sqm	282.95	81806.00
61	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.										
	Measurement Taken on	28/06/23 to 10/07/23									

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Kalahandi Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Watch man shed(Near Cycle Track)										
	Room	2	5.60				3.00	33.60			
		2	3.60				3.00	21.60			
	celing	1	5.60				3.60	20.16			
	toilet 01	2	1.80				1.80	6.48			
		2	2.00				1.80	7.20			
	celing	1	1.80				2.00	3.60			
	toilet 01	2	1.80				1.80	6.48			
		2	2.00				1.80	7.20			
	celing	1	1.80				2.00	3.60			
	Inside Chajja	1	5.00				1.30	6.50			
	deduction D	-1	0.90				2.10	-1.89			
	D1	-2	0.75				2.10	-3.15			
	W	-2	1.20				1.20	-2.88			
	V	-2	0.60				0.30	-0.36			
	Inside Plastering										
	Ground Floor										
	For Dining Area	2	8.90				2.10	37.38			
		2	8.50				2.10	35.70			
	Kitchen	1	15.80				2.10	33.18			
	Entrance hall	1	13.60				2.10	28.56			
	For Ceiling										
	Entrance	1	2.65			4.30		11.40			
	For Dining Area	1	8.90			8.50		75.65			
	Kitchen	1	4.90			2.95		14.46			
	Entrance hall	1	3.80			3.00		11.40			
	For Beams (ground Floor)										
	B1	1	14.85				0.45	6.68			
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom ground Floor										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
		2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	W1	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				0.90	-1.35			
		-1	2.00				0.90	-1.80			
		-1	1.65				0.90	-1.49			
	External Plastering										
	Ground Floor										
	East side		12.00				4.00	48.00			

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	west side	1	12.00				4.00	48.00			
	South side	1	10.30				4.00	41.20			
	North Side	1	9.30				4.00	37.20			
	For Columns	3	0.90				3.65	9.86			
	Near Staircase Area	2	2.85				2.10	11.97			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Below Stair Case	2	4.42				1.05	9.28			
	For Compound	1	2.85				1.60	4.56			
	Above Stair Case	2	2.50				0.75	3.75			
	For Toliet Wall	1	1.95				1.80	3.51			
		2	1.00				1.60	3.20			
	For chajja										
	Top and Bottom W	4	1.50		0.25			1.50			
	side	2	2.00				0.10	0.40			
	Top and Bottom W1	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			
	Top and Bottom W1	2	1.20		0.25			0.60			
	side	1	1.70				0.10	0.17			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	W1	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				2.10	-3.15			
	V	-1	0.30				0.45	-0.14			
							Total Executed Qty	636.88			
							Tender Qty	2622.50			
							Now to be paid	636.88	Sqm	87.81	55924.00
62	Providing and applying white cement based putty of average thickness 1 mm, of approved brand and manufacturer, over the plastered wall surface to prepare the surface even and smooth complete as per specifications and as per directions of Engineer in charge.										
	Measurement Taken on	28/06/23 to 17/07/23									
	First Floor										
	For inside Plastering										
	Hall	2	8.90				2.10	37.38			
		2	11.65				2.10	48.93			
	Ceiling										
	Hall	1	11.65			8.90		103.69			
	Entrance	1	2.65			4.30		11.40			
	For Beams(First Floor)										
	B1	1	14.85				0.45	6.68			
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom (First Floor)										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
	B5		9.10				0.20	1.82			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Valachery Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	B2,B1	2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	1.20				1.20	-1.44			
		-1	0.90				1.20	-1.08			
	Main Entrance	-1	1.50				0.90	-1.35			
	Columns	-2	0.30				0.45	-0.27			
	First Floor										
	External Plastering										
	East side	1	12.00				3.65	43.80			
	west side	1	12.00				3.65	43.80			
	South side	1	10.30				3.65	37.60			
	North Side	1	9.30				3.65	33.95			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Stair Case Beam	1	2.85				0.45	1.28			
	For chajja										
	Top and Bottom W	6	1.50		0.25			2.25			
	side	3	2.00				0.10	0.60			
	Top and Bottom W1	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			
	Parapet Wall										
		1	8.90				2.60	23.14			
		1	12.00				2.60	31.20			
		1	6.30				2.60	16.38			
		1	3.00				2.60	7.80			
	For Tank Portion	2	2.70				2.50	13.50			
		2	3.00				2.50	15.00			
	Second Floor										
	For Toliet										
		2	3.00				2.50	15.00			
		2	3.30				2.10	13.86			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	0.90				1.20	-1.08			
		-1	1.20				1.20	-1.44			
	Main Entrance	-1	1.50				2.10	-3.15			
	D2	-2	0.75				2.10	-3.15			
	V	-2	0.60				0.60	-0.72			
							Total Executed Qty	558.75			
							Tender Qty	656.71			
							Now to be paid	558.75	Sqm	96.24	53774.00
63	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	18/7/23 to 3/8/23									
	Inside Plastering										
	Ground Floor										
	For Dining Area		8.90				2.10	37.38			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
		2	8.50				2.10	35.70			
	Kitchen	1	15.80				2.10	33.18			
	Entrance hall	1	13.60				2.10	28.56			
	For Ceiling										
	Entrance	1	2.65			4.30		11.40			
	For Dining Area	1	8.90			8.50		75.65			
	Kitchen	1	4.90			2.95		14.46			
	Entrance hall	1	3.80			3.00		11.40			
	For Beams (ground Floor)										
	B1	1	14.85				0.45	6.68			
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom ground Floor										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
		2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	W1	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				0.90	-1.35			
		-1	2.00				0.90	-1.80			
		-1	1.65				0.90	-1.49			
	Watch man shed										
	Room	2	5.60				3.00	33.60			
		2	3.60				3.00	21.60			
	celing	1	5.60				3.60	20.16			
	toilet 01	2	1.80				1.80	6.48			
		2	2.00				1.80	7.20			
	celing	1	1.80				2.00	3.60			
	toilet 01	2	1.80				1.80	6.48			
		2	2.00				1.80	7.20			
	celing	1	1.80				2.00	3.60			
	Inside Chajja	1	5.00				1.30	6.50			
	deduction D	-1	0.90				2.10	-1.89			
	D1	-2	0.75				2.10	-3.15			
	W	-2	1.20				1.20	-2.88			
	V	-2	0.60				0.30	-0.36			
							Total Executed Qty	417.81			
							Tender Qty	1572.20			
							Now to be paid	417.81	Sqm	108.81	45462.00

37.38

325.46

15.80

A.E.E. (Project)

309.66

426.08

8.28

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
64	Wall painting with acrylic emulsion paint of approved brand and manufacture to give an even shade :Two coats on new work after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	18/07/23 to 03/08/23									
	First Floor										
	For inside Plastering										
	Hall	2	8.90				2.10	37.38			
		2	11.65				2.10	48.93			
	Ceiling							103.69			
	Hall	1	11.65			8.90		11.40			
	Entrance	1	2.65			4.30					
	For Beams(First Floor)										
	B1	1	14.85				0.45	6.68			
	B2	4	8.90				0.60	21.36			
		4	3.10				0.45	5.58			
		1	2.85				0.45	1.28			
	B3	1	12.00				0.45	5.40			
	B4	1	8.90				0.45	4.01			
	B5	2	8.90				0.45	8.01			
	B6	1	8.90				0.45	4.01			
	B7	1	4.30				0.45	1.94			
	for Beam Bottom (First Floor)										
	B2	2	8.90				0.20	3.56			
		2	3.10				0.20	1.24			
	B5	1	9.10				0.20	1.82			
	B2,B1	2	2.85				0.20	1.14			
	B7	1	4.30				0.20	0.86			
	Stair Case Area	1	4.45				2.85	12.68			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	1.20				1.20	-1.44			
		-1	0.90				1.20	-1.08			
	Main Entrance	-1	1.50				0.90	-1.35			
	Columns	-2	0.30				0.45	-0.27			
							Total Executed Qty	267.81			
							Tender Qty	394.06			
							Now to be paid	267.81	Sqm	109.87	29425.00
65	Finishing walls with textured exterior paint of required shade :New work (Two coats applied @ 3.28 ltr/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	05/8/23 to 18/8/23									
	Ground Floor										
	East side	1	12.00				4.00	48.00			
	west side	1	12.00				4.00	48.00			
	South side	1	10.30				4.00	41.20			
	North Side	1	9.30				4.00	37.20			
	For Columns	3	0.90				3.65	9.86			
	Near Staircase Area	2	2.85				2.10	11.97			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Below Stair Case	2	4.42				1.05	9.28			

280.95 − 13.14 = 267.81

A.E.E. (Project)

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

9/10/23

Asst. Executive Engineer

Asst. Executive Engineer
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	For Compound	1	2.85				1.60	4.56			
	Above Stair Case	2	2.50				0.75	3.75			
	For Toilet Wall	1	1.95				1.80	3.51			
	For chajja										
	Top and Bottom W	4	1.50		0.25			1.50			
	side	2	2.00				0.10	0.40			
	Top and Bottom WI	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			
	Top and Bottom WI	2	1.20		0.25			0.60			
	side	1	1.70				0.10	0.17			
	Deduction										
	W	-4	1.50				1.20	-7.20			
		-1	0.90				1.20	-1.08			
	WI	-2	1.20				1.20	-2.88			
	Main Entrance	-1	1.50				2.10	-3.15			
	V	-1	0.30				0.45	-0.14			
	Watch man shed										
		2	7.60				4.00	60.80			
		2	3.60				4.00	28.80			
	Front chejja	1	7.60				1.30	9.88			
		1	1.50				1.30	1.95			
	deduction D	-1	0.90				2.10	-1.89			
	DI	-1	0.75				2.10	-1.58			
	W	-2	1.20				1.20	-2.88			
	V	-1	0.60				0.30	-0.18			
							Total Executed Qty	310.78			
							Tender Qty	156.70			
							Quantity upto 125%	195.88	Sqm	238.83	46781.00
							Quantity Above 125%	114.90	Sqm	238.18	27367.00
66	Finishing walls with textured exterior paint of required shade : New work (Two coats applied @ 3.28 ltr/10 m²) over and including priming coat of exterior primer applied @ 2.20kg/10 m² to give an even shade after thoroughly brooming the surface to remove all dirt, dust, mortar drops and foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on 01/8/23 to 18/8/23										
	For First Floor										
	External Plastering										
	East side	1	12.00				3.65	43.80			
	west side	1	12.00				3.65	43.80			
	South side	1	10.30				3.65	37.60			
	North Side	1	9.30				3.65	33.95			
	For Beam	2	2.85				0.45	2.57			
		1	4.30				0.45	1.94			
	Stair Case Beam	1	2.85				0.45	1.28			
	For chajja										
	Top and Bottom W	6	1.50		0.25			2.25			
	side	3	2.00				0.10	0.60			
	Top and Bottom WI	2	1.20		0.60			1.44			
	side	1	2.40				0.10	0.24			
	Top and Bottom W	4	1.50		0.60			3.60			
	side	2	2.70				0.10	0.54			

Contractor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
Bangalore - 92

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	Parapet Wall										
		1	8.90				2.60	23.14			
		1	12.00				2.60	31.20			
		1	6.30				2.60	16.38			
		1	3.00				2.60	7.80			
	For Tank Portion	2	2.70				2.50	13.50			
		2	3.00				2.50	15.00			
	Second Floor										
	For Toliet										
		2	3.00				2.30	13.80			
		2	3.30				2.00	13.20			
	Deduction										
	W	-5	1.50				1.20	-9.00			
	W1	-1	0.90				1.20	-1.08			
		-1	1.20				1.20	-1.44			
	Main Entrance	-1	1.50				2.10	-3.15			
	D2	-2	0.75				2.10	-3.15			
	V	-2	0.60				0.60	-0.72			
							Total Executed Qty	289.07			
							Tender Qty	262.65			
							Quantity upto 125%	289.07	Sqm	240.20	69435.00
70	Providing and laying water proofing treatment to the Roof with PU based single component elastomeric pure polyurethane based coating on New terrace/Chajjas/Sunken portion of WC:Bathroom, cold applied PU waterproofing membrane that is highly elastic with elongation greater than 400% and tensile strength greater than 2MPa as per ASTM D412. The waterproofing membrane to be applied in 2coats @ 1.6kg per m2 to achieve final DFT (dry film thickness) of 1mm including prime coat of epoxy primer @150 g per m2 and protection with 120gsm Geo-textile over the waterproofing membrane. The finished cost to include surface preparation, making coving at Junction, Bore Packing, treatment of construction joints completely as per specification & with a 10 years warranty on product & work from certified manufacturers as per the direction of the Engineer In charge.										
	TERRACE FLOOR										
	Measurement Taken on	20/6/23									
	For Building										
	TERRACE FLOOR	1	14.85			9.50		141.08			
	Watch man shed	1	7.60			3.60		27.36			
	Deduction										
	Stair Case Portion	-1	4.65			2.85		-13.25			
							Total Executed Qty	155.18			
							Tender Qty	140.00			
							Quantity upto 125%	155.18	Sqm	868.37	134756.00
72	Providing and fixing M.S. grills of required pattern in frames of windows etc. with M.S. flats, square or round bars etc. including priming coat with approved steel primer all complete. Fixed to openings /wooden frames with rawl plugs screws etc.										
	Measurement Taken on	20/6/23									
	Watch man shed										
	W	2	1.20				1.20	2.88			
	For Building										
	Ground Floor										
	W	4	1.50				1.20	7.20			
		1	0.90				1.20	1.08			
	W1	2	1.20				1.20	2.88			
	First floor										
	W	5	1.50				1.20	9.00			
	W1	1	1.20				1.20	1.44			
		1	0.90				1.20	1.08			
	Second Floor										
	V	2	1.50				0.70	1.05			
	Ground Floor										
	Compound wall		2.60				0.60	1.56			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

A.E.E. (Project)

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
		1	2.80				0.60	1.68			
		1	1.20				0.60	0.72			
	1st Flight	1	3.50				1.00	3.50			
		1	1.55				1.00	1.55			
	landing	1	2.60				1.00	2.60			
	2nd Flight	1	3.55				1.00	3.55			
	Front Portion	1	2.55				1.00	2.55			
		1	4.20				1.00	4.20			
	First Floor										
	1st Flight	1	3.55				1.00	3.55			
		1	3.70				1.00	3.70			
	landing	1	1.20				1.00	1.20			
		1	2.85				1.00	2.85			
	2nd Flight	1	3.80				1.00	3.80			
	Front Portion	1	2.85				1.00	2.85			
		1	4.70				1.00	4.70			
		1	1.40				1.00	1.40			
	Near Tank	1	2.50				0.90	2.25			
			2.50				0.90	2.25			
							Sub Total	77.07			
							25 Kg/sqm	1926.75			
							TOTAL Executed Qty	1926.75			
							Tender Qty	181.44			
							Quantity upto 125%	226.80	kg	160.84	36479.00
							Quantity Above 125%	1699.95	kg	179.78	305618.00
74	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm.										
	Measurement Taken on	21/8/23									
	Ground Floor										
	Windows-W	4	1.50				1.20	7.20			
		1	0.90				1.20	1.08			
	Windows-W1	2	1.20				1.20	2.88			
							TOTAL Executed Qty	11.16			
							Tender Qty	18.00			
							NOW TO BE PAID	11.16	Sqm	7705.10	85989.00
75	Providing & fixing of 2.5 track x 2-panel sliding windows made out of multi chambered UPVC(Matching to RAL-9016) sections and with minimum TiO2(Titanium Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free, gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the window frame. The outer frame having an overall size of 94mm width x 45mm height with reinforcement of 1mm thickness and Sash with overall size of 39mm x 58mm with GI reinforcement of 1.5mm and mesh sash of size 25mm x 42mm. Coextruded Glazing bead for fixing of glass shall be of size 20mm x 24 mm. Windows shall be provided with 5mm plain float glass, standard hardware& single point locking system with touch lock. Wall thickness of frame & sash shall be of 2mm-2.5mm. Maximum possible size – 1819mm x 1819mm.										
	Measurement Taken on	21/08/23									
	First Floor										
	Windows-W	5	1.50				1.20	9.00			
		1	0.90				1.20	1.08			
	Windows-W1	1	1.20				1.20	1.44			

A.E.E. (Project)

A.E.E. (Project)

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP-Bangalore - 92

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							TOTAL Executed Qty	11.52			
							Tender Qty	18.00		7782.18	89631.00
							NOW TO BE PAID	11.52			
79	Providing & fixing of louvered ventilator made out of multi chambered UPVC (Matching to RAL-9016) sections and with minimum TIO2(Titan um Dioxide) at 6PHR with TPE(Thermo Plastic Elastomer) and lead free with gaskets -grey colour having isolated drainage and reinforced with Galvanized Iron profile through-out the ventilator frame. The frame having overall size of 39mm x 39mm with GI reinforcement of 1mm thickness. Louver clip in Aluminium (powder coated in white) will be used on the frame along with plastic parts for fixing the 4 mm pin head glass. Wall thickness of frame shall be 2mm.Maximum possible size – 1000mm x 1000mm										
	Measurement Taken on	21/8/23									
	Ventilator (V)	2	0.70				0.70	0.98			
		1	0.30				0.30	0.09			
							TOTAL Executed Qty	1.07			
							Tender Qty	1.08			
							Quantity upto 125%	1.07	Sqm	5638.07	6033.00
85	Painting Steel work with Deluxe Multi Surface Paint to give an even shade. Two coat applied @ 0.90 ltr/10 m² over an under coat of primer applied @ 0.80 ltr/10 m² of approved brand and manufacture including preparing the surface after thorougly cleaning oil, grease, dirt and foreign matter, cost of materials, labour complete as per specifications and as per directions of Engineer-in-charge.										
	Measurement Taken on	26/8/23									
	Watch man shed										
	W	2	1.20				1.20	2.88			
	For Building										
	Ground Floor										
	W	4	1.50				1.20	7.20			
		1	0.90				1.20	1.08			
		2	1.20				1.20	2.88			
	W1										
	First floor										
	W	5	1.50				1.20	9.00			
	W1	1	1.20				1.20	1.44			
		1	0.90				1.20	1.08			
	Second Floor										
	V	2	0.75				0.70	1.05			
	Ground Floor										
	Compound wall	1	2.60				0.60	1.56			
		1	2.80				0.60	1.68			
		1	1.20				0.60	0.72			
		1	3.50				1.00	3.50			
	1st Flight	1	1.55				1.00	1.55			
		1	2.60				1.00	2.60			
	landing	1	3.55				1.00	3.55			
	2nd Flight										
		1	2.55				1.00	2.55			
	Front Portion	1	4.20				1.00	4.20			
	First Floor										
	1st Flight	1	3.55				1.00	3.55			
		1	3.70				1.00	3.70			
	landing	1	1.20				1.00	1.20			
		1	2.85				1.00	2.85			
	2nd Flight	1	3.80				1.00	3.80			
	Front Portion	1	2.85				1.00	2.85			
		1	4.70				1.00	4.70			
		1	1.40				1.00	1.40			
	Near Tank	1	2.50				0.90	2.25			
		1	2.50				0.90	2.25			
							TOTAL Executed Qty	77.07			
							Tender Qty	17.28			
							Quantity upto 125%	21.60	Sqm	120.99	2613.00

Also OK

A.E.E. (Project)

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							Quantity Above 125%	55.47	Sqm	121.38	6733.00
87	Providing and laying vitrified floor tiles in different sizes 500x500 mm (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm thick cement mortar 1:4 (1 cement : 4 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joints with white cement and matching pigments etc., complete										
	Measurement Taken on										
	For Toliet Flooring										
		2	2.95			1.35		7.97			
		1	0.90			2.60		2.34			
							TOTAL Executed Qty	10.31			
							Quantity Limited	8.40			
							Tender Qty	5.04			
							Quantity upto 125%	6.30	Sqm	1145.47	7216.00
							Quantity Above 125%	2.10	Sqm	1170.43	2458.00
89	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to I.S. 15622, of approved make, in all colours & shade, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ m2 including grouting the joint with white cement & matching pigments etc. complete.Size of Tile 500x500 mm										
	Measurement Taken on	07/7/23									
	Toliet 1										
		2	3.15				2.40	15.12			
		1	1.35				2.40	3.24			
		1	0.62				2.30	1.43			
	Toliet 1										
		2	3.15				2.40	15.12			
		1	1.35				2.40	3.24			
		1	0.62				2.30	1.43			
							TOTAL Executed Qty	39.57			
							Tender Qty	26.79			
							Quantity upto 125%	33.49	Sqm	1173.77	39307.00
							Quantity Above 125%	6.08	Sqm	1187.78	7227.00
90	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.										
	Measurement Taken on	20/06/23									
	GROUND FLOOR										
	For Dining Area	1	8.90			8.50		75.65			
	Kitchen	1	4.90			3.00		14.70			
	Skritting	1	1.95				0.23	0.44			
		1	1.05				0.23	0.24			
	Entrance hall	1	3.75			3.00		11.25			
	Entrance Portion	1	3.85			4.50		17.33			
	Door Portion	1	1.95			0.20		0.39			
		1	1.05			0.20		0.21			
	Below Stair Case Portion	1	1.25			3.00		3.75			
		1	3.00			3.00		4.50			
		1	3.00				0.08	0.23			
	Steps	1	1.50			0.30		0.45			
		1	1.50				0.15	0.23			
	Compound Wall	1	2.60			0.15		0.39			
	Skritting Star Case Landing	1	1.00				0.10	0.10			

29.84

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

A.E.E. (Project)

Asst. Executive Engin
Projects Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
		1	2.90				0.15	0.44			
							TOTAL Executed Qty	130.28			
							Quantity in 1st RA BILL	154.08			
							TOTAL Executed Qty	284.36			
							Tender Qty	356.01			
							NOW TO BE PAID	130.28	Sqm	3092.97	402937.00
91	Providing and laying Polished Granite stone flooring in required design and patterns, in linear as well as curvilinear portions of the building all complete as per the architectural drawings with 18 mm thick stone slab over 20 mm (average) thick base of cement mortar 1:4 (1 cement : 4 coarse sand) laid and jointed with cement slurry and pointing with white cement slurry admixed with pigment of matching shade including rubbing, curing and polishing etc. all complete as specified and as directed by the Engineer-in-Charge.** Polished Granite stone slab Black, Cherry Red, Brown, Cat Eye, River Pink or equivalent.										
	FIRST FLOOR										
	Measurement Taken on 20/6/23										
	First Floor										
	HALL	1	11.65			8.90		103.69			
		1	4.65			2.60		12.09			
	Entrance Portion	1	2.60				0.20	0.52			
	for Skritting	1	4.65				0.20	0.93			
		1	2.50				0.20	0.50			
		1	4.20				0.20	0.84			
		4	2.25				0.10	0.90			
	For Stage Step	1	4.45				0.20	0.89			
		2	0.30				0.10	0.06			
	For Columns	2	1.80				0.90	3.24			
	Stair Case Skritting Ground Floor	11	0.30				0.10	0.33			
	Stair Case Skritting First Floor	11	0.30				0.10	0.33			
	For Landing Skritting	1	2.60				0.20	1.04			
		1	1.00				0.15	0.15			
	Near Sink Portion	1	3.00				0.10	0.30			
		6	0.60				0.10	0.36			
	For Sink	1	3.00				0.60	1.80			
							TOTAL Executed Qty	127.97			
							Tender Qty	119.10			
							Quantity upto 125%	127.97	Sqm	3250.06	415894.00
95	Providing and fixing 18 mm thick gang saw cut granite of any color and shade, mirror polished, premoulded and prepolished, machine cut for kitchen platforms, vanity counters, window sills, facias and similar locations of required size, approved shade, colour and texture laid over 20 mm thick base cement mortar 1:4 (1 cement : 4 coarse sand), joints treated with white cement, mixed with matching pigment, epoxy touch up, including rubbing, curing, moulding and polishing to edges to give high gloss finish etc. complete at all levels.										
	Measurement Taken on 20/06/23										
	GROUND FLOOR										
	For Dining Area	2	8.50				0.90	15.30			
		1	8.90				0.90	8.01			
		1	5.45				0.90	4.91			
	Kitchen	1	4.90				0.90	4.41			
		1	3.15				0.90	2.84			
		1	2.95				0.90	2.66			
		1	4.15				0.90	3.74			
	Entrance hall	1	3.15				0.90	2.84			
		1	1.60				0.90	1.44			
		1	2.10				0.90	1.89			
	First Floor										
	Hall	2	11.65				0.90	20.97			
		1	8.85				0.90	7.97			
		1	7.45				0.90	6.71			
	Front Portion Ground Floor	1	3.10				0.90	2.79			

Contrctor | Consultant | Asst. Engineer | Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
	First Floor	1	3.10				0.90	2.79			
	Deduction										
	For Stage Portion	-1	4.45				0.20	-0.89			
							TOTAL Executed Qty	88.35			
							Tender Qty	54.23			
							Quantity upto 125%	67.78	Sqm	3900.85	264404.00
							Quantity Above 125%	20.56	Sqm	3983.16	81909.00
96	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications. GROUND FLOOR										
	Measurement Taken on	20/6/23									
	Ground floor to First floor Including Skriting										
	Raisers	23	1.43				0.15	4.92			
	Threads	22	1.43			0.30		9.41			
	Landing	1	2.90			1.15		3.34			
							TOTAL Executed Qty	17.66			
							Tender Qty	18.00			
							NOW TO BE PAID	17.66	Sqm	2688.05	47461.00
97	Providing and laying flooring and steps fine machine polished granite stone slabs 20 mm thick on cement mortar bed 1:6, 20 mm thick, and joints finished with cement mortar 1:3 over existing cement concrete bed , including cost of materials, mortar, labour, curing complete as per specifications. FIRST FLOOR										
	Measurement Taken on	20/6/23									
	First Floor to Terrace floor Including Skriting										
	Raisers	23	1.43				0.15	4.92			
	Threads	22	1.43			0.30		9.41			
	Landing	1	2.90			1.15		3.34			
							TOTAL Executed Qty	17.66			
							Tender Qty	29.70			
							NOW TO BE PAID	17.66	Sqm	5158.53	91080.00
102	Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size complete as per manufacturers specification & direction of Engineer-in-charge. FIRST FLOOR										
	Measurement Taken on	18/8/23									
	For Toilets	2	0.75				2.10	3.15			
		1	0.75				1.80	1.35			
							TOTAL Executed Qty	4.50			
							Tender Qty	3.78			
							Quantity upto 125%	4.50	Sqm	549.32	2472.00
104	Providing & fixing 30mm thick factory made rigid foam Prelam Panelled Door Shutters made from M.S. tube of 19x19mm, 19 gauge for stiles and 15x15mm for top & bottom rails, covered with heat moulded Prelaminated PVC C Channel of 5mm thick sheet & 30x50mm wide to form stiles & 5mm thick & 75mm wide Prelaminated PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick, 20mm wide cross PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet Prelaminated on either side fitted in the M.S. frame, Sealed to the stiles & rails with PVC Designer beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75mm Aluminium hinges -do- with both side prelam.)										
	Measurement Taken on	18/8/23									
	For Toilets	2	0.75				2.10	3.15			
		1	0.75				1.80	1.35			
							TOTAL Executed Qty	4.50			
							Tender Qty	3.15			
							Quantity upto 125%	3.94	Sqm	4402.36	17334.00
							Quantity Above 125%	0.56	Sqm	4398.36	2474.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
105	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications. GROUND FLOOR										
	Measurement Taken on	18/8/23				0.23	0.10	0.07			
	MD	2	1.50			0.23	2.10	0.07			
		2	0.08					0.14			
							TOTAL Executed Qty	0.14			
							Tender Qty	0.44			
							NOW TO BE PAID	0.14	Cum	103612.51	14656.00
106	Providing Honne wood frames of doors, windows, clerestory windows, ventilators and other frames, wrought, framed or assembled including making plaster groves (excluding cost of cement concrete and side clamps), but including cost of materials, labour, usage charges complete as per specifications.FIRST FLOOR										
	Measurement Taken on	18/8/23				0.23	0.10	0.07			
	MD	2	1.50			0.23	2.10	0.07			
		2	0.08					0.14			
							TOTAL Executed Qty	0.14			
							Tender Qty	0.27			
							NOW TO BE PAID	0.14	Cum	104399.90	14767.00
107	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. GROUND FLOOR										
	Measurement Taken on	18/8/23					2.10	3.15			
	MD	1	1.50					3.15			
							TOTAL Executed Qty	3.15			
							Tender Qty	27.72			
							NOW TO BE PAID	3.15	Sqm	5815.17	18318.00
108	Providing and fixing in position fully panelled Honne wood shutters for doors with stiles and rails of 40mm. thick with bottom and lock rails 180mm wide top rail and stiles 100mm wide as per drawing and panels of 25mm thick including cost of materials, labour, usage charges complete as per specifications. FIRST FLOOR										
	Measurement Taken on	18/8/23					2.10	3.15			
	MD	1	1.50					3.15			
							TOTAL Executed Qty	3.15			
							Tender Qty	20.16			
							NOW TO BE PAID	3.15	Sqm	5873.71	18502.00
109	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc. (P.No. 107, I.No. 12.68.1 of PWP & IWTD SR 2021-22)										
	Measurement Taken on	18/8/23						12.00			
	Ground Floor	12						12.00			
							TOTAL Executed Qty	12.00			
							Tender Qty	20.00			
							NOW TO BE PAID	12.00	Each	42.93	515.00
110	Providing and fixing ISI marked M.S. pressed butt hinges bright finished with necessary screws etc.										
	Measurement Taken on	18/8/23						18.00			
	FIRST Floor	18						18.00			
							TOTAL Executed Qty	18.00			
							Tender Qty	20.00			
							NOW TO BE PAID	18.00	Each	43.91	790.00
111	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. GROUND FLOOR										
	Measurement Taken on	18/8/23						3.00			
	Ground Floor	3						3.00			
							TOTAL Executed Qty	3.00			
							Tender Qty	6.00			
							NOW TO BE PAID	3.00	Each	953.26	2860.00

A.E.E. Project

Contrctor | Consultant | Asst. Engineer | Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
112	Providing and fixing chromium plated brass 100 mm mortice latch and lock with 6 levers and a pair of lever handles of approved quality with necessary screws etc. complete. FIRST FLOOR										
	Measurement Taken on	18/8/23						6.00			
	FIRST Floor	6						6.00			
							TOTAL Executed Qty	6.00			
							Tender Qty	6.00			
							NOW TO BE PAID	6.00	Each	963.02	5778.00
113	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete GROUND FLOOR										
	Measurement Taken on	18/8/23						5.00			
	Ground Floor	5						5.00			
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	Each	126.84	634.00
114	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete FIRST FLOOR										
	Measurement Taken on	18/8/23						5.00			
	FIRST Floor	5						5.00			
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	Each	127.82	639.00
116	Earth work excavation for pipeline trenches in all kinds of soils bymechanical means above										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	14.78			
							Tender Qty	14.78			
							NOW TO BE PAID	14.78	Cum	221.48	3273.00
117	Concealed Conduit System: Supplying .... Mm dia 2mm2.5mm Thick heavy gauge PVC										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	75.00			
							Tender Qty	75.00			
							NOW TO BE PAID	75.00	M	63.42	4757.00
118	1.2.2) 25mm dia 2mm thick										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	72.20	3610.00
119	1.2.3) 32mm dia 2.5mm thick										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	96.59	4830.00
120	57.07) PVC pipe-50mm dia										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	300.00			
							Tender Qty	300.00			
							NOW TO BE PAID	300.00	M	53.66	16098.00
121	57.07) PVC pipe-75mm dia										
	Vide Total executed Quantity from premeasurement Page no. 06										
							TOTAL Executed Qty	75.00			
							Tender Qty	75.00			
							NOW TO BE PAID	75.00	M	82.93	6220.00
122	57.07) PVC pipe-100mm dia										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	75.00			
							Tender Qty	75.00			
							NOW TO BE PAID	75.00	M	132.70	9953.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
123	Supplying heavy gauge PVC conduit pipe..... dia confirming to IS 2509 with suitable size benda, junction boxes, adhesive paste etc., and fixing using inverted wood plugs in case of RCC ceiling and RCC wall stone structure or rawl plugs in case of brick walls and cement plastering damaged portion using heavy gauge saddles at an interval of 700mm using NF screws										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	75.00			
							Tender Qty	75.00			
							NOW TO BE PAID	75.00	M	78.06	5855.00
124	1.3.2) 25 mm dia 2 mm thick										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	75.00			
							Tender Qty	75.00			
							NOW TO BE PAID	75.00	M	82.93	6220.00
125	1.3.2) 25 mm dia 2 mm thick										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	109.28	5464.00
126	1.3.4) 40 mm dia 2.5 mm thick										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	123.91	6196.00
139	Supplying and wiring adopting loop system in existing PVC Conduit / casing capping using copper PVC insulated multi strand 2x1.5Sqmm copper wire without switch, the other end of the wires shall be terminated with sufficient loose length in a wood/PVC round block. complete for each outlet.										
	a)Short point upto 3Mtr from tapping point to out let via switch box										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	25.00			
							Tender Qty	25.00			
							NOW TO BE PAID	25.00	No's	261.49	6537.00
140	b) Medium point above 3Mtr up to 6Mtr from tapping point to out let via switch box										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	25.00			
							Tender Qty	25.00			
							NOW TO BE PAID	25.00	No's	375.64	9391.00
141	2.2.3)Long point above 6Mtr upto 10Mtr from tapping point to out let via switch box										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	3.00			
							Tender Qty	3.00			
							NOW TO BE PAID	3.00	No's	563.95	1692.00
142	2.2.4)Two outlet in a row,above 3Mtr upto 6Mtr from tapping point to out let via switches										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	No's	698.60	3493.00
143	2.2.5)Three outlet in a row, above 6Mts upto 10Mtr from tapping point to out let via switches box										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	No's	1019.61	5098.00
144	Suppling and fixing PVC/metal conduit deep juction boxes										
	Measurement Taken on										
		10						10.00			
							TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	No's	50.74	507.00
145	1.5.2) 25mm deep juction box										
		10						10.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engine
Roads Division
Yelahanka Zone

BOQ item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	No's	52.69	527.00
146	1.5.3) 32mm deep junction box										
		10						10.00			
							TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	No's	71.23	712.00
147	1.12)Suplay and fixing Metal Fan Box with Round Hook										
		15						15.00			
							TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	No's	169.77	2547.00
148	Supplying and flush mounting powder coated metal box suitable for mounting modular switch plates.The box should be firmly flush mounted after due groove cutting in Brick/Stone/C.C wall										
	Measurement Taken on	22/8/23									
		6						6.00			
							TOTAL Executed Qty	6.00			
							Tender Qty	6.00			
							NOW TO BE PAID	6.00	No's	127.82	767.00
149	3.4.2) 4-5Way										
		5						5.00			
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	No's	143.43	717.00
150	3.4.3) 6 Way										
		5						5.00			
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	No's	220.51	1103.00
151	3.4.4) 8Way										
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	No's	260.51	521.00
152	3.4.5) 10-12Way										
		3						3.00			
							TOTAL Executed Qty	3.00			
							Tender Qty	3.00			
							NOW TO BE PAID	3.00	No's	338.57	1016.00
153	Supplying and fixing superior quality modular switch mounting polycarbonate plate with necessary supporting back plate with required No's. of machine screws, bolts nuts etc., complete on the existing metal/PVC box.										
	Measurement Taken on	28/8/23									
		20						20.00			
							TOTAL Executed Qty	20.00			
							Tender Qty	20.00			
							NOW TO BE PAID	20.00	Each	253.68	5074.00
154	Supplying and fixing of modular switch/ Socket/stepped electronic fan regulator /dimmer /telephone socket etc on existing modular switch plate.										
	Measurement Taken on	28/8/23									
		68						68.00			
							TOTAL Executed Qty	68.00			
							Tender Qty	68.00			
							NOW TO BE PAID	68.00	Each	91.72	6237.00
155	3.6.2) 6A mps Two way										
		15						15.00			
							TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	Each	158.06	2371.00
156	3.6.4) Stepped fan regulator.										
		15						15.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BMP Bangalore-92

Measurement

BOQ tem No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	Each	325.88	4888.00
157	i) 32Amps DP switch							8.00			
		8					TOTAL Executed Qty	8.00			
							Tender Qty	8.00			
							NOW TO BE PAID	8.00	Each	390.28	3122.00
158	j) 6/16Amps universal socket							15.00			
		15					TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	Each	258.56	3878.00
159	3.6.11) 6/16Amps univeral socket							5.00			
		5					TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	Each	258.56	1293.00
160	Supplying and fixing superior gality modular switch mounting polycorbonate plate with neceaary supporting back plate with rquired nos. of machine screwes, bolts nuts etc., complete on the existing metal/PVC box..										
	Measurement Taken on	22/8/23						10.00			
		10					TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	Each	158.06	1581.00
161	3.5.2) 4 Module							10.00			
		10					TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	Each	181.48	1815.00
162	3.5.3) 6 Module							10.00			
		10					TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	Each	253.68	2537.00
163	3.5.4) 8 Module							4.00			
		4					TOTAL Executed Qty	4.00			
							Tender Qty	4.00			
							NOW TO BE PAID	4.00	Each	314.18	1257.00
164	3.5.5) 10-12 Module							5.00			
		5					TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	Each	377.60	1888.00
165	Supplying and fixing regular MCB distribution boards on wall/ woodboard /flush mounting required clamps,bolts,nuts etc.. with provision for fixing suitable type capacity MCB's single phase /3 phase /single door with powder coated painting etc., complete										
	Measurement Taken on	22/8/23						1.00			
		1					TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	1766.02	1766.00
166	5.18.8) 12Way SP & N							1.00			
		1					TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	2153.37	2153.00
167	5.18.9) 4Way TP & N							1.00			
		1					TOTAL Executed Qty	1.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	3180.78	3181.00
168	5.18.10) 6Way TP & N							1.00			
		1					TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	3644.24	3644.00
169	Supplying and fixing and wiring Earth Leakage Miniature Circuit Breaker [RCCB] 240/450V up 300mA sensitivity on exsiting wood/panel board.										
	Measurement Taken on	22/8/23						2.00			
		2					TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	5033.64	10067.00
170	5.19.3)32-40 Amps 4 Pole							2.00			
		2					TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	4563.35	9127.00
171	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C. cutouts and other equipment's on the meter board using 40mm dia 2.90mm thick GI pipe 2.5 mtr long buried in a pit ... The pit should be filled with equal proportion of salt and charcoal 150mm all-round the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size as per ISI specification 7.3.3. of IS 732 using 12mm dia bolts, nuts, washers and check nuts etc., the pipe shall have 16 through holes of 12 mm dia										
								1.00			
		1					TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	3125.17	3125.00
172	Supplying fixing and wiring earth electrode for grounding of lifts, transformers, DG sets etc. using 40mm dia 2.9mm thick 2.5 mtr long GI pipe with GI funnel with mesh and suitable size reducer fixed on the top of the earth electrode. The funnel should be enclosed in a CC chamber of 400x400x400mm with a cast iron cover. The earth electrode shall have staggered holes of 12mm dia and the electrode should be covered 150mm all-round with alternate layers of salt and charcoal from the bottom of the CC chamber. The connection from the electrode is to be established through GI strip using GI bolts and nuts.										
								1.00			
		1					TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	4324.30	4324.00
173	Supplying and running of GI/Copper strips for grounding connections, using necessary fixing materials as required.										
	Measurement Taken on	20/8/23									
		40						40.00			
							TOTAL Executed Qty	40.00			
							Tender Qty	40.00			
							NOW TO BE PAID	40.00	Each	122.94	4918.00
174	Copper strip ((7.3.6)25x3mm)										
		25						25.00			
							TOTAL Executed Qty	25.00			
							Tender Qty	25.00			
							NOW TO BE PAID	25.00	Each	544.44	13611.00
175	Copper strip ((7.22.6)8SWG copper wire										
		15						15.00			
							TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	Each	112.21	1683.00

Contrctor Consultant Asst. Engineer Asst. Executive Engineer

Asst. Executive Engineer
Protocol Division
Yelahanka Zone

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
176	Supplying of 2 feet LED PVC square batten with high quality diffuser with ife of 25000 burninng hours & 70% lumen maintance with CRI>80. power input :220-240V @ 50 hz & power factor >.9 along with CE approved drivers. 5 years warranty										
		6						6.00			
							TOTAL Executed Qty	6.00			
							Tender Qty	6.00			
							NOW TO BE PAID	6.00	Each	770.80	4625.00
178	Fixing all types and all capacities of fluorescent / fales ceiling /spot light /CFL / LED fittings indoor on the wall /ceiling / refters / girders using 23/0.0076" twin twisted PVC insulated wires, required Nos of round blocks and clamps .										
	Measurement Taken on	28/8/23									
		36						36.00			
							TOTAL Executed Qty	36.00			
							Tender Qty	36.00			
							NOW TO BE PAID	36.00	Each	123.91	4461.00
179	Supplying exhaust fan of 1440 RPM of 300 mm (12") size with bracket blades complete for light duty suitable for operate of 230V 50Hz, AC Supply.										
		1						1.00			
							Executed Qty	1.00			
							Tender Qty	6.00			
							TOTAL Executed Qty	1.00	Each	1606.00	1606.00
180	Cutting holes of required size in brick masonry wall for fixing of exhaust fan including providing and fixing 300 mm dia PVC pipe conforming BIS-12818 and making good the same etc. complete as per direction of Engineer-in-charge.										
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	114.16	228.00
181	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double bail bearing system. 48" Sweep (1200mm)										
		14						14.00			
							TOTAL Executed Qty	14.00			
							Tender Qty	20.00			
							NOW TO BE PAID	14.00	Each	3072.48	43015.00
182	Supplying wall mounting fan suitable to operate at singlephase 230v AC. supply. (1200mm) 400 mm Sweep										
		4						4.00			
							TOTAL Executed Qty	4.00			
							Tender Qty	4.00			
							NOW TO BE PAID	4.00	Each	2957.35	11829.00
183	Supplying and fixing 32Amps security and energy saving DP switch with key tag suitable to operate on 230 Volts, 50Hz AC supply &completely wired on existing box.										
		12						12.00			
							TOTAL Executed Qty	12.00			
							Tender Qty	12.00			
							NOW TO BE PAID	12.00	Each	777.63	9332.00
184	Wiring for lighting/power circuit using one of FRLS PVC insulated 1100V grade, multistrand copper wire with low conductor resistance single core in open or concealed system of wiring with specified IS-694:confirming to latest amendments.										
	Vide Total executed Quantity from premeasurement Page no. 07										
							TOTAL Executed Qty	200.00			
							Tender Qty	200.00			
							NOW TO BE PAID	200.00	M	19.51	3902.00
185	b. 1.5 sqmm										
	Vide Total executed Quantity from premeasurement Page no. 08										
							TOTAL Executed Qty	430.00			
							Tender Qty	430.00			

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engi
Projects Division
Yelahanka Zone

Measurement

BOQ em No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
							NOW TO BE PAID	430.00	M	28.30	12169.00
186	2.3.3) 2.5 sqmm										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	390.00			
							Tender Qty	390.00			
							NOW TO BE PAID	390.00	M	41.96	16364.00
187	2.3.4) 4 sqmm										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	350.00			
							Tender Qty	350.00			
							NOW TO BE PAID	350.00	M	63.42	22197.00
188	C.6 sqmm										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	390.00			
							Tender Qty	390.00			
							NOW TO BE PAID	390.00	M	89.76	35006.00
189	Supplying and fixing of PVC casing and capping on the wall or ceilng using necessary materials like bends, screws at an interval of 300mm .... Etc as required.										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	28.30	1415.00
190	Supplying PVC/GI flexible conduit pipe....mm dia fixing on surface over inverted wooden plugs or phill plugs or rawl plugs and clamped using heavy gauge saddles at an interval of 300mm using NF screws and either end of the pipe terminated completely.										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	No's	27.32	1366.00
191	Extra for supplying 4mm thick white plastic plate and covering for junction boxes of size 110mm conduit using necessary machine screws.										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	20.00			
							Tender Qty	20.00			
							NOW TO BE PAID	20.00	No's	14.64	293.00
192	Supplying a 50mm wooden plug, tapered from 50x50mm to 25x25mm and fixing by using binding wire before concreting a roof slap.										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	20.00			
							Tender Qty	20.00			
							NOW TO BE PAID	20.00	No's	10.73	215.00
193	Supplying and fixing of slim box fitting, made out of CRCA Sheet metal body with locking type holder completely wired. Excluding Ballast & Flouresent Tube. 1 x 4' Tube light fitting.										
	Vide Total executed Quantity from premeasurement Page no.						TOTAL Executed Qty	10.00			
							Tender Qty	10.00			
							NOW TO BE PAID	10.00	Each	322.96	3230.00
194	Supplying and fixing of T5 Fluorescent Tube with 14W power consumption with low 3mg Mercury content & below 40% glass content than T8 lamp & 20% less phosphor coating than T8 with initial lumen on 1350 (for 3000-6500 deg Kelvin), rated Avg life (12 Hr. Cycle) of greater than 35000 burring hours. Operating voltage range from 180V to 265V, 50Hz AC power Supply 28 watts Lamp										
	Measurement Taken on	28/8/23									
		12						12.00			
							TOTAL Executed Qty	12.00			
							Tender Qty	12.00			
							NOW TO BE PAID	12.00	Each	175.63	2108.00
197	BESCOM CHARGES										

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Malleswaram Zone

BOQ tem No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
		1						1.00			
							TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	50000.00	50000.00
199	Providing and fixing white vitreous china pedestal type water closet (European type) with seat and lid, 10 litre low level white vitreous china flushing cistern & C.P. flush bend with fittings & C.I. brackets, 40 mm flush bend, overflow arrangement with specials of standard make and mosquito proof coupling of approved municipal design complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid										
	Measurement Taken on	28/1/25									
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	5793.71	11587.00
200	Providing and fixing white vitreous china pedestal type water closet (European type W.C. pan) with seat and lid, 10 litre low level white P.V.C. flushing cistern, including flush pipe, with manually controlled device (handle lever), conforming to IS : 7231, with all fittings and fixtures complete, including cutting and making good the walls and floors wherever required : W.C. pan with ISI marked white solid plastic seat and lid										
		1						1.00			
							TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	4614.09	4614.00
201	Providing and fixing white vitreous china flat back or wall corner type lipped front urinal basin of 430x260x350 mm and 340x410x265 mm sizes respectively with automatic flushing cistern with standard flush pipe and C.P. brass spreaders with brass unions and G.I clamps complete, including painting of fittings and brackets, cutting and making good the walls and floors wherever required : One urinal basin with 5 litre white P.V.C. automatic flushing cist										
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	4053.06	8106.00
203	Providing and fixing wash basin with C.I. brackets, 15 mm C.P. brass pillar taps, 32 mm C.P. brass waste of standard pattern, including painting of fittings and brackets, cutting and making good the walls wherever require: White Vitreous China Wash basin size 630x450 mm with a pair of 15mm C.P. brass pillar taps										
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	Each	2927.10	5854.00
204	Providing and fixing Stainless Steel A ISI 304 (18/8) kitchen sink as per IS:13983 with C.I. brackets and stainless steel plug 40 mm, including painting of fittings and brackets, cutting and making good the walls wherever required : 510x1040 mm bowl depth 250 mm										
		1						1.00			
							TOTAL Executed Qty	1.00			
							Tender Qty	1.00			
							NOW TO BE PAID	1.00	Each	5696.14	5696.00
205	Providing and placing on terrace (at all floor levels) polyethylene water storage tank, IS: 12701 marked, with cover and suitable locking arrangement and making necessary holes for inlet, outlet and overflow pipes but without fittings and the base support for tank.										
		1	2000.00					2000.00			
							TOTAL Executed Qty	2000.00			
							Tender Qty	4000.00			
							NOW TO BE PAID	2000.00	LTR	9.27	18540.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

BOQ tem No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
206	Supply and delivery of Centrifugal pumpset at site brand new best make and with discharge duty confirming to ISI standards and its latest amendments. 2 HP, Size 65x50 Head 13M, Discharge 462 LPM										
		1						1.00			
	TOTAL Executed Qty							1.00			
	Tender Qty							1.00			
	NOW TO BE PAID							1.00	Each	17681.64	17682.00
207	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 15mm nominal dia pipes.										
	Vide Total executed Quantity from premeasurement Page no. 08										
	TOTAL Executed Qty							50.00			
	Tender Qty							50.00			
	NOW TO BE PAID							50.00	M	350.28	17514.00
208	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 20mm nominal dia pipes.										
	Vide Total executed Quantity from premeasurement Page no. 09										
	TOTAL Executed Qty							50.00			
	Tender Qty							50.00			
	NOW TO BE PAID							50.00	M	427.36	21368.00
209	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 25mm nominal dia pipes.										
	Vide Total executed Quantity from premeasurement Page no. 09										
	TOTAL Executed Qty							50.00			
	Tender Qty							50.00			
	NOW TO BE PAID							50.00	M	546.39	27320.00
211	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, including fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and testing of joints complete as per direction of Engineer in Charge. Internal work - Exposed on wall 32 mm nominal dia Pipes										
	Vide Total executed Quantity from premeasurement Page no. 09										
	TOTAL Executed Qty							50.00			
	Tender Qty							50.00			
	NOW TO BE PAID							50.00	M	449.80	22490.00
212	Providing and fixing Chlorinated Polyvinyl Chloride (CPVC) pipes, having thermal stability for hot & cold water supply, including all CPVC plain & brass threaded fittings, i/c fixing the pipe with clamps at 1.00 m spacing. This includes jointing of pipes & fittings with one step CPVC solvent cement and the cost of cutting chases and making good the same including testing of joints complete as per direction of Engineer in Charge Concealed work, including cutting chases and making good the walls etc. 32mm nominal dia pipes.										
	Vide Total executed Quantity from premeasurement Page no. 09										
	TOTAL Executed Qty							35.00			
	Tender Qty							35.00			
	NOW TO BE PAID							35.00	M	637.13	22300.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

BBMP, Bangalore -

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
213	Constructing brick masonry chamber of internal dimension 600x450mm and depth of 600mm (inner dimensions) with modular bricks of CD 75 in cement mortar 1:6, bed concrete 150mm thick with 1:3:6, plastering 12 mm thick with cement mortar 1:4, CC 1:2:4 coping 75mm thk for fixing CI cover & frame etc. excluding the cost of CI frame and cover.										
	Vide Total executed Quantity from premeasurement Page no. 10						TOTAL Executed Qty	3.00			
							Tender Qty	3.00			
							NOW TO BE PAID	3.00	M	5013.15	15039.00
214	Supplying, laying and jointing HDPE pipes of specified grade and conforming to IS 4984-2016 with latest ammendments and conveying to work site including loading and unloading at both destinations and rolling and lowering into trenches, laying true to line and jointing of pipes and specials with electrofusion welding, giving hydraulic test as per relevant ISS with all lead and lifts including encasing the pipe alround to a depth of not less than 15 cms. with soft gravel or selected earth available from the excation, testing and commissioning. The rate is exclusive of required specials and fittings wherever necessary like saddle Tee, stub ends, flanged sets, bedns, reducers etc. complete (Contractor will make his own arrangements for procuring water for testing) etc HDPE Grade PE100-PN6.0,200mm dia.										
	Vide Total executed Quantity from premeasurement Page no. 10						TOTAL Executed Qty	50.00			
							Tender Qty	50.00			
							NOW TO BE PAID	50.00	M	985.46	49273.00
215	Providing and fixing brass bib cock of approved quality : 20 mm nominal bore										
	Vide Total executed Quantity from premeasurement Page no. 10						TOTAL Executed Qty	15.00			
							Tender Qty	15.00			
							NOW TO BE PAID	15.00	M	394.18	5913.00
216	Providing and fixing brass stop cock of approved quality : 20 mm nominal bore										
	Vide Total executed Quantity from premeasurement Page no. 10						TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	M	394.18	1971.00
217	Providing and fixing square-mouth S.W. gully trap class SP-1 complete with C.I. grating brick masonry chamber 150 x 100 mm size P type With Non Modular common burnt clay bricks of designation 3.5 & with water tight C.I. cover with frame of 300 x300 mm size (inside) the weight or cover to be not less than 4.50 kg and frame to be not less than 2.70 kg as per standard design:										
	Vide Total executed Quantity from premeasurement Page no. 10						TOTAL Executed Qty	12.00			
							Tender Qty	12.00			
							NOW TO BE PAID	12.00	Each	2634.39	31613.00
218	Providing and fixing PTMT grating of approved quality and colour Circular type 100 mm nominal dia										
	Measurement Taken on 28/8/20	5						5.00			
							TOTAL Executed Qty	5.00			
							Tender Qty	5.00			
							NOW TO BE PAID	5.00	No's	102.45	512.00
219	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete.										
	Measurement Taken on 28/8/20	7						7.00			
							TOTAL Executed Qty	7.00			
							Tender Qty	7.00			
							NOW TO BE PAID	7.00	No's	1112.30	7786.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
Yelahanka Zone
BBMP, Bangalore - 92

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
220	Providing and fixing 600x450 mm beveled edge mirror of superior glass (of approved quality) complete with 6 mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete										
		2						2.00			
							TOTAL Executed Qty	2.00			
							Tender Qty	2.00			
							NOW TO BE PAID	2.00	No's	1112.00	2224.00
E1	Providing and fixing stainless steel 304 grade for seating arrangement at bus shelter using 50mm dia 16 guage hollow pipe for verticals at 1 mtr center to centre for seating 25mm dia stainless steel pipe spaced at 0.75m regular intervals, and sides 25mm dia. Stainless steel hollow horizontal pipe 1.2 mtrs depth back rust 40mm dia stainless steel pipe of 0.4 mtr wide 1 mtr centre to centre for seating stainless steel perforated sheet of 1.5mm thick of width 0.45 mtr and for back rest stainless steel perforated sheet of 1.5mm thick are welded. The entire assembly is fixed as per specification etc complete including cost of materials, labour, HOM of machineries and electrical charges etc., complete as per specifications. (aproved data rate) 11/4/22										
	bus stops										
		4	9.75					39.00			
							TOTAL Executed Qty	39.00	M	31230.00	1217970.00
E2	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, strutting propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)										
	Measurement Taken on 06/1/23										
	Rajartnao park road side drain	1	87.00				1.20	104.40			
	Vemanna park road side drain	1	61.70				1.20	74.04			
							TOTAL Executed Qty	178.44	Sqm	2156.95	384887.00
E3	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge										
	Measurement Taken on 06/1/23										
	Culverts	1	6.80				1.50	10.20			
		1	4.20				1.50	6.30			
		1	7.50				1.50	11.25			
							TOTAL Executed Qty	27.75	Sqm	5243.52	145508.00
E4	Providing Size Stone masonry with hard stone in foundation & plinth with Cement mortar 1:6 (1 cement : 6 coarse sand)										
	Vide Total executed Quantity from premeasurement Page no. 11										
							TOTAL Executed Qty	75.67	Cum	6128.58	463725.00
E5	Providing and supplying two coats of art oainting of approved band and shade on wall surface including primer coat with cost of matirials,labour,complete as per specification and directions of the engineer uin charge of the work-Data rate										
	Measurement Taken on 18/4/22										
	Cycle Track wall painting										
		1	15.00	2.10	2.00	2.05		30.75			
		1	12.70	2.00	1.85	1.93		24.45			
		1	14.20	2.10	2.00	2.05		29.11			
		1	11.55	2.22	2.10	2.16		24.95			
		1	19.70	2.30	2.05	2.18		42.85			
		1	15.00	2.30	2.30	2.30		34.50			
		1	11.90	2.30	2.00	2.15		25.59			
							TOTAL Executed Qty	212.19	Sqm	988.95	209843.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer
RBMP, Bangalore - 92

Measurement

BOQ Item No	Description / Chainage	Nos	L	B1	B2	Avg width	Depth	Quantity	Unit	Rate	Amount
E6	Providing and fixing 1mm thick M.S. sheet door with frame of 40x40x6 mm angle iron and 3 mm M.S. gusset plates at the junctions and corners, all necessary fittings complete, including applying a priming coat of approved steel primer. Using M.S. angels 40x40x6 mm for diagonal braces including cost of materials, labour, usage charges of machinery complete as per specifications and as per directions of the Engineer-in-Charge.										
	Measurement Taken on	19/01/23									
	Watch man shed shetters										
	W	2	1.20			1.20		2.88			
						TOTAL Executed Qty		2.88	Sqm	4191.07	12070.00
E7	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14- days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work.										
	Measurement Taken on	23/12/22									
	cc roads	1	11.60	9.00	9.00	9.00	0.20	20.88			
		1	11.00	7.00	7.00	7.00	0.20	15.40			
		1	11.00	5.00	5.00	5.00	0.20	11.00			
		1	14.50	10.00	10.00	10.00	0.20	29.00			
		1	8.00	1.00	0.90	0.95	0.20	1.52			
		0.5	5.00	1.90	1.90	1.90	0.20	0.95			
	Building Side Concrete	1	9.50	0.90	0.90	0.90	0.15	1.28			
		1	15.00	0.60	0.60	0.60	0.15	1.35			
						TOTAL Executed Qty		81.38	Cum	7456.89	606860.00
E8	Providing & fixing corrugated G.S. sheet roofing including vertical / curved surface fixed with polymer coated J or L hooks, bolts and nuts 8 mm diameter with bitumen and G.I. limpet washers or with G.I. limpet washers filled with white lead, including a coat of approved steel primer and two coats of approved paint on overlapping of sheets complete as per design drawings (up to any pitch in horizontal/ vertical or curved surfaces), excluding the cost of purlins, rafters and trusses and including cutting to size and shape wherever required as per the direction of Engineer in charge.										
	Measurement Taken on	20/8/23									
	For Building	1	3.30			4.00		13.20			
						TOTAL Executed Qty		13.20	Sqm	928.56	12257.00
E9	Providing and fixing M.S.Gate as per Chief Architect Drawing using 50mm x 50mm 14 gauge M.S. hollow pipe frame workbent to ornamental shape as shown in drawing and 35mm x 6mm and 16 x16mm Square rods for verticals alternatively spaced at 4cms ole in two halves and 40mm x 6mm M.S.flats for for horizantal member and at the top cast iron splices are providedat alternate vertical members as shwn in the drawing etc. complete All the steel surface should be Thorougly cleaned free of rust and painted with anti corrosive paint (shop paint) etc. complete. the work includes cost of all materials, labourcharges, for all items of work hire charges for welding, cutting and grinding equipment and elecricity charges, with lead and lift, loading and unloading charges etc., complete as per specification										
	Measurement Taken on	20/06/23									
	For Building	1	3.00				2.00	6.00			
						TOTAL Executed Qty		6.00	Sqm	3323.62	19942.00
								Total Amount			16739354.00
								Add 18% GST			3013083.72
								Grand Total			19752437.72

A.E.E. (Project)

16691126.00
3004400.00
19695526.00

16736146.00
3012506.00
19748652.00

19748000.00

19695526.00

Contrctor

Consultant

Asst. Engineer

Asst. Executive Engineer

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 9